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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/771,590	02/04/2004	Steven Yencheng Chen	H1231	3793
29393	7590	01/15/2008	EXAMINER	
ESCHWEILER & ASSOCIATES, LLC			ENG, DAVID Y	
NATIONAL CITY BANK BUILDING				
629 EUCLID AVE., SUITE 1000			ART UNIT	PAPER NUMBER
CLEVELAND, OH 44114			2155	
			NOTIFICATION DATE	DELIVERY MODE
			01/15/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Docketing@eschweilerlaw.com

Office Action Summary	Application No.	Applicant(s)
	10/771,590	CHEN ET AL.
	Examiner	Art Unit
	DAVID Y. ENG	2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 29 October 2007.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-23 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-23 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

The active claims are 1-23.

Related Application

Applicants are reminded of the continuing responsibility to update the status of related applications on page 1 of the specification throughout the course of examination of the instant application.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-23 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Details of the rejections have already been set forth in the last Office action. The details are incorporated herein by reference thereto.

Further with respect to the newly amended claims 1, 12 and 20, the transferring of data between the host and the network via a plurality of queues as recited in the claims does not require the one or more receive descriptors, receive descriptor rings and memory buffer. Scope of claims 1, 12 and 20 therefore is not clear. Further with respect to the newly inserted "wherein clauses", it is not clear what is pointing to the data stored in a memory buffer. Applicants are requested to identify the support of

receive descriptors, receive descriptor rings, the memory buffer and the element pointing to the data stored in the memory buffer in the specification by page and line number and reference characters in the drawings.

Response

In the communication filed on 10/29/2007, Applicants contended that the test is whether "those skilled in the art would understand what is claimed when the claims is read in light of the specification". MPEP 2100-212 is referring to the meaning of the terms. The meaning of the terms recited in the claims can be read in light of the specification. The claims are rejected not because the meaning of the terms recited in the claims in not understood. The claims are rejected because scope of the claims is not clear. Limitations in the specification should not be read into the claims. Section 112 requires that the claims particularly point out and distinctly claim what Applicants regard as their invention. As explained in the rejection, it is not clear what is regard is Applicants' claimed invention.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 12, 13, 20, 21, 2 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Headrick (USP 5,724,358).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 3, 14, 22 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Headrick (USP 5,724,358).

Details of the rejections have already been set forth in the last Office action. The details are incorporated herein by reference thereto.

Response

In the communication filed on 10/29/2008, Applicants rely on the newly inserted limitations for patentability. As explained in the Section 112 Rejection above, the amendment does not add any meaningful limitations in the claims. The added "wherein clauses" do not further limit the claims let alone patentable distinct and merely consist of non-functional descriptive material. Further, Applicants relied on the disclosure in the specification for patentability, as explained in the rejection above limitations in the specification can not be read into the claims. Otherwise, the entire specification would become Applicants' claims.

Allowable Subject matter

Claims 4-10, 16-19, 23

Claims 4-10, 16-19 and 23 appear to contain allowable subject matter. However, for the reasons set forth in the Section 112 Rejection, no statement can be made as to whether they are allowable.

Final

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID Y. ENG whose telephone number is 571-272-3984. The examiner can normally be reached on M-F from 8AM to 3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SALEH NAJJAR, can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



DAVID Y. ENG
PRIMARY EXAMINER